

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

### REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

JAN 2 3 2014

REPLY TO THE ATTENTION OF:

# <u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED 7009 1680 0000 7663 7114

Mr. Anthony Montano Plant Manager The Finishing Company 136 West Commercial Avenue Addison, Illinois 60101

Re: Notice of Violation

TFC Group

EPA ID No.: ILD051933075

Dear Mr. Montano:

On September 19, 2013, a representative of the U.S. Environmental Protection Agency inspected The Finishing Company's (TFC) facility located in Addison, Illinois. The purpose of the inspection was to evaluate TFC's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the generation, treatment and storage of hazardous waste. Please find enclosed a copy of the inspection report for your reference.

Based on information provided by TFC personnel, review of records, and physical observations made by the inspector at the time of the inspection, EPA has determined that TFC is engaged in storage of hazardous waste without a permit, and is in violation of certain requirements of the Illinois Administrative Code (IAC) and United States Code of Federal Regulations (CFR). To be eligible for the exemption from having a hazardous waste storage permit, TFC must be in compliance with the conditions of 35 IAC §§ 722.134(a) and (c) [40 C.F.R. § 262.34(a) and (c)]. We find that TFC is in noncompliance with the following conditions for a hazardous waste storage permit exemption, and in violation of the following requirements:

1. In order to avoid the need for a hazardous waste storage permit, a large quantity generator must have a contingency plan which lists, among other things, the names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator. See, 35 IAC §§ 722.134(a)(4) and 725.152(d) [40 C.F.R. §§ 262.34(a)(4) and 265.52(d)]. This is also a requirement of owners and operators of hazardous waste storage facilities under 35 IAC § 724.152(d) [40 C.F.R. § 264.52(d)]. At the time of the

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inspection, TFC's contingency plan did not include the home addresses of the emergency coordinators. TFC therefore failed to comply with the above-mentioned condition for a hazardous waste storage permit exemption, and violated the storage facility contingency planning requirement.

2. A large quantity generator who accumulates hazardous waste on-site and who does not meet the conditions for a permit exemption of 35 IAC § 722.134(a) [40 C.F.R § 262.34(a)] is an operator of a hazardous waste storage facility, and is required to obtain an Illinois hazardous waste storage permit. See, 35 IAC § 703.121(a) [40 C.F.R. § 270.1(c)]. Upon failing to comply with the generator permit exemption condition listed above, TFC's failure to apply for and obtain a hazardous waste storage permit violated the permitting requirements of 35 IAC § 722.134(a) [40 C.F.R § 262.34(a)].

At this time, EPA is not requiring TFC to apply for a hazardous waste storage permit, so long as it immediately establishes compliance with the conditions for an exemption outlined above. According to Section 3008(a) of the Resource Conservation and Recovery Act (RCRA), EPA may issue an order assessing a civil penalty for any past or current violation requiring compliance immediately or within a specified time period. Although this letter is not such an order, you are hereby requested to submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your response to Todd Brown, U.S. EPA, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604. If you have any questions regarding this letter, please contact Mr. Brown, of my staff, at (312) 886-6091.

Sincerely,

Gary J. Victorine, Chief

RCRA Branch

Enclosure

cc: Todd Marvel, Illinois Environmental Protection Agency (todd.marvel@illinois.gov)



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 5 77 W. JACKSON BOULEVARD CHICAGO, IL 60604

# COMPLIANCE EVALUATION INSPECTION REPORT

**INSTALLATION NAME:** 

TFC Group

U.S. EPA ID No.:

ILD051933075

**LOCATION ADDRESS:** 

136 Commercial Road

Addison, Illinois 60101

NAICS CODE:

332813 Electroplating, Plating, Polishing,

Anodizing, and Coloring

DATE OF INSPECTION:

September 19, 2013

**U.S. EPA INSPECTOR:** 

Todd C. Brown

PREPARED BY:

Todd C. Brown

Environmental Scientist

**REVIEWED BY:** 

Michael Cunningham, Chief

Compliance Section 1

RCRA Branch

 $\frac{10|3|/|3}{\text{Date}}$ 

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# I. Purpose of Inspection

The purpose of this unannounced compliance evaluation inspection (CEI) was to evaluate the compliance of TFC Group with the Resource Conservation and Recovery Act, with respect to its management of hazardous waste and used oil.

#### **II. Site Description**

TFC Group (TFCG) conducts metal finishing operations in a 75,000 square-foot building located in Addison, Illinois. Finishing operations include chrome and nickel electro-plating, powder coating, and application of Chemlok® corrosion control coatings. According to its website (<a href="www.finishingcompany.com">www.finishingcompany.com</a>), TFCG serves a variety of industries such as appliance, automotive, electronic, railroad, and structural steel.

TFCG is a large quantity generator of hazardous waste. It reported the following waste streams in its 2011 Annual Report.

- 17,400 pounds of F006 waste water treatment sludge, possessing the toxicity characteristic for barium (D005);
- 715 pounds of ignitable and chromium toxicity waste from painting/coating operations;
- 330 gallons of corrosive and toxicity characteristic waste (barium, chromium and lead) from plating/phosphating; and
- 55 gallons of spent acid possessing the characteristic of chromium toxicity, as well as meeting the F001 listing for solvents.

TFC group was last inspected by the EPA for compliance with RCRA on August 1, 2001. It received a compliance assistance visit from the Illinois EPA on March 17, 2003.

# III. Opening Conference

I arrived at TFCG on September 19, 2013, at approximately 10:30 A.M. Upon arrival, I conducted an opening conference with Messrs. Saigo Fujii (Quality Administrator) and Anthony Montano (Plant Manager). During the conference, I provided the facility representatives with EPA's Small Business Handout, a list of pollution prevention contacts in Region 5, and a pamphlet from the Illinois Sustainable Technology Center. I presented my credentials, explained the purpose of the inspection, and interviewed Messrs. Fujii and Montano on TFCG operations and waste management activities. The following is a summary of the information provided in response to my inquiries.

The process tanks on TFCG's electroplating line are configured as follows:

- Alkaline cleaner (two tanks)
- Rinse water
- Sulfuric acid

- Rinse water
- Sulfuric acid/hydrochloric acid
- Nickel plating solution
- Rinse water (2 tanks)
- Chromic acid
- Rinse water (4 tanks)

Rinse water generated from the electroplating line is treated in an on-site waste water treatment unit (WWTU).

There are two powder coating lines at the facility. Both consist of an iron phosphate cleaning stage, followed by a water rinse, oven dry, and powder coat spray. Rinse water from the powder coating lines are treated in the WWTU.

The Chemlok process applies an aqueous-based paint to metal parts. The configuration of this line was identified as confidential business information by TFCG. Rinse waters from the Chemlok line are treated in the WWTU.

TFCG is a large quantity generator of hazardous waste. Hazardous waste streams include: waste water treatment sludge, iron exchange resin (used to remove iron from paint), process tank clean-out sludge; and spent acid. Nickel-filter waste is shipped as a non-hazardous waste for recycling.

TFCG does not send zinc-bearing secondary materials for recycling into fertilizer.

TFCG has approximately 55 employees.

# IV. Site Tour

At approximately 10:52 A.M., I toured the facility with Messrs. Fujii and Montano. The following is a summary of information collected during that time.

Several tote-sized containers were located in the vicinity of the WWTU. The containers were stacked two-high, and arranged side-by-side into a single line. The labels on two of the containers were visible at one end of the line. The top container was labeled with the words, "Waste Chrome Dragout," and "Waste Accumulation Container" (photographs 1 and 2). The container was marked with a date of "01-16-13." The lower container was labeled "spent nickel strip," and again marked with a date of "01-16-13." Mr. Fujii confirmed the dates corresponded to the start of accumulation in each container. He also explained that TFCG was in the process of determining whether the materials could be recycled.

Eight containers of hazardous wastewater treatment sludge were located among additional containers of reportedly "non-hazardous" nickel sludge (photograph 3). All wastewater treatment sludge containers were labeled as "hazardous waste," marked with an accumulation date, and closed. The earliest observed accumulation date was July 23, 2013.

#### V. Records Review

The inspection included review of the following records: hazardous waste manifests; nickel sludge waste analysis; contingency plan; and training records.

# Manifests

Hazardous waste manifests were on-file dating back at least three years. I noted the following off-site shipments of hazardous waste in 2013.

- March 11, 2013: 14,000 lb. of wastewater treatment sludge (F006 and D005 waste codes) destined to Envirite of Illinois (ILD000666206).
- July 11, 2013: 35,476 lb. of wastewater treatment sludge (F006 & D005) destined to Envirite of Illinois (ILD000666206).
- July 11, 2013: 110 gallons of waste paint related material (D001 & D007) destined to EQ Detroit (MID980991566).

# Nickel Sludge Analysis

The results of an analysis conducted by World Resources Company on TFCG's reportedly non-hazardous nickel sludge were on file. The constituents reported were as follows (lb/dry ton):

- Ni: 530
- Cu: 0
- Sn: 1
- Fe: 23
- Zn: 0
- Pb: 0
- Cr: 1

#### Contingency Plan

TFCG's hazardous waste contingency plan was last revised on February 11, 2013. I noted the plan did not include the home addresses of the emergency coordinators. TFCG also maintains an Emergency Action Plan, Fire Prevention Plan, and Spill Prevention Control and Countermeasures Plan.

# Training Records

I reviewed a list of employee names and signatures for a training course attended by TFCG employees in 2012. The course reportedly included instruction on HAZCOM, personal protective equipment, and emergency and evacuation procedures. Mr. Fujii explained that the

course includes hazardous waste management procedures. I reviewed written course material, which included discussion of RCRA and identification of hazardous waste.

According to the TFCG representatives, only two WWTU operators regularly handle hazardous waste at the facility.

# VI. Closing Conference

Prior to departing, I conducted a closing conference with Messrs. Fujii and Montano, during which time we discussed the "waste chrome dragout" material I observed during the site tour.

The TFCG representative confirmed that its chromium concentration would likely be greater than 5ppm. Mr. Fujii discussed that it could be reused on-site in the chrome plating tank. He stated that they were in the process of collecting a sample of the material for analysis by World Resources Company to assist in determining the viability of recycling.

I briefly discussed the concept of "speculative accumulation" with the TFCG representatives. I further explained that the manner in which a material is recycled is relevant to whether or not it is considered a solid waste under RCRA. I informed the TFCG representatives that I would follow-up with them on status of the chrome dragout material.

I departed TFCG at approximately 12:24 p.m.

#### Attachments

A: Inspection Photographs

B: RCRA Generator Inspection Checklist (Part 722)

# Attachment A: Photographs for TFC Group (ILD051933075), Addison, Illinois.

Photo Number

Photo Filename DSCN0590.jpg

Date/Time

9/19/2013 11:03:12 AM

Photographer

Todd C. Brown

# Description

Label on a tote container of "waste chrome dragout," dated January 16, 2013. The container was located on top of a container of "spent nickel strip," which was also marked with a date of January 16, 2013. The containers are also featured in photograph 2.



Photo Number

Photo Filename DSCN0591.jpg

Date/Time

9/19/2013

11:03:22 AM

Photographer

Todd C. Brown

# Description

Tote container of "waste chrome dragout," dated January 16, 2013. The container was located on top of a container of "spent nickel strip," which was also marked with a date of January 16, 2013.



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# Attachment A: Photographs for TFC Group (ILD051933075), Addison, Illinois.

Photo Number

Photo Filename DSCN0592.jpg

Date/Time

9/19/2013

11:09:12 AM

Photographer

Todd C. Brown

# Description

8 containers of wastewater treatment sludge among containers of reportedly nonhazardous nickel sludge. The containers of waste water treatment sludge were labeled as hazardous waste, dated, and closed. The earliest observed date was July 23, 2013.



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MACHMENTK RCRA GENERATOR INSPECTION CHECKLIST (PART 722) Violation Regulation PART 722: STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE (>1000 KG/MO.) SUBPART A: GENERAL Section 722.111 Hazardous Waste Determination 722.111 Has the generator correctly determined if the solid waste(s) it generates is a hazardous waste? Not Clear with 12 Spect Yes Character No Dec St. Have hazardous wastes been identified for purposes of compliance with Part 728? 722.111 Has the generator correctly determined if the solid waste(s) it generates is a special waste? 808.121(a) Yes 808.121(a) Section 722.112 USEPA Identification Numbers Has the generator obtained a USEPA identification number? 722.112(a) N/A 722.112(a) Has the generator offered its hazardous waste only to transporters or to treatment, storage or disposal facilities 722.112(c) that have a USEPA identification number? 722.112(c) SUBPART B: Section 722.120 General Requirements Does the facility manifest its waste off-site? 722.120(a) No N/A 722.120(a) Does the manifest designate a facility permitted to handle the waste? 722,120(b) N/A Yes No 722.120(b) Has the generator shipped any waste that could not be delivered to the designated facility? 722.120(d) 722.120(d) Section 722.121 Acquisition of Manifests Has the generator used: an Illinois manifest for wastes designated to a facility within Illinois? 722.121(a) Yes 722.121(a) a manifest from the State to which the manifest is designated? 722.121(b) Yes No an Illinois manifest if the State to which the waste is designated has no manifest of its own? 722.121(b) Section 722.122 Number of Copies Does the manifest consist of at least 6 copies? 722.122 722,122 N/A Section 722.123 Use of the Manifest For each manifest reviewed, has the generator: 722.123(a) signed the certificate by hand? N/A Yes obtained the handwritten signature and the date of acceptance by the initial transporter? 722.123(a) N/A Yes No retained one copy as required by Section 722.140(a) No N/A Yes apparently sent a copy (part 5 for the Illinois manifest) to the Agency within 2 working days? No N/A Yes has the generator apparently given the remaining copies to the transporter? 722.123(b) 722.123(b) N/A Yes No has the generator followed the procedures prescribed in Section 722.123 for manifesting bulk 722.123(c) shipments of hazardous waste by rail or water? N/A 722.123(c)

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
	SUBPART C: PRE-TRANSPORT REQUIREMENTS	- TOTALION
	Is there any hazardous waste ready for transport off-site?	
722.130	Yes No N/A	
	If so, is the generator complying with the pre-transport requirements in Subpart C?	722.130
	Yes No N/A	
	Section 722.134 Accumulation Time	
(722.134(a))	Has the generator complied with the following requirements:  Yes	
(722.134(a)(1))	A) For waste in containers, has the generator complied with the requirements of Part 725, Subpart I, AA, BB,	
(122.134(a)(1))	and CC?	
	and/or No No N/A	
	B) For waste in tanks, has the generator complied with the requirements of Part 725. Subpart J. AA BB and	
	CC (except Sections 725.297(c) and 725.300)?	
	and/or Yes No N/A	
	C) For waste on drip pads, has the generator complied with the requirements of Part 725, Subpart W and	
	maintained the required records identified in this subsection?  Yes No N/A	
	and/or	
	D) For waste in containment buildings, has the generator complied with Part 725, Subpart DD and	
	maintained the required records identified in this subsection?  YesNoN/A	
(722.134(a)(2))	For waste in containers, has the generator marked and made visible for inspection on each container, the date	
(122.13+(u)(2))	upon which accumulation began?	
	Yes No N/A For waste in containers and tanks, has the generator marked or labeled each with the words "Hazardous"	
(722.134(a)(3))	Waste"? (1) 100 P (1) 100	
	Yes No N/A	
(722.134(a)(4))	Has the generator complied with the requirements of Part 725, Subparts C and D, and Sections 725.116 and	
	728.107(a)(4)?	
	Yes No N/A	
	Specifically, the requirements of items 1 and/or 4 above (listed by regulation) which need to be complied with	
	are as follows:	
	Does the facility accumulate hazardous waste in containers?	
	Yes No N/A	
	If "No", go to Subpart J.	
	SUBPART I: USE AND MANAGEMENT OF CONTAINERS	
	SUBPART I: USE AND MANAGEMENT OF CONTAINERS	
# 0 V	Has the generator closed an accumulation area?	725.211
(725.211) (725.214)	Yes No N/A  If "Yes", was the accumulation area closed in accordance with Sections 725.211 and 725.214?	725.214
()	Yes No N/A	723.214
(725.271)		
	If the containers have leaked or are in poor condition, has the owner/operator transferred the hazardous waste to a suitable container?	
	Yes No N/A	
(725.272)	Is the waste compatible with the container and/or liner?	
(/	Yes No N/A	
(725.273(a))	Are containers of hazardous waste always closed except to remove or add waste during accumulation?	
	Yes No N/A	
725.273(b))		
-(-//	Are containers of hazardous waste being opened, handled, or stored in a manner which will prevent the rupture of the container or prevent it from leaking?	
	Yes NoN/A	



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)						
(725.274)	Is the owner/operator inspecting the accumulation area(s) at least weekly, looking for leaks or deterioration?  Yes  No  N/A						
	Is the accumulation area free from any evidence of leaking or deteriorating containers? (See also Section						
	725.131) Yes No N/A						
(725.276)	Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility's property line?	2					
	Note: See Section 725.117(a) for additional requirements for ignitable, reactive or incompatible wastes.						
(725.277)	Is the owner/operator complying with the requirements concerning incompatible wastes?  Yes No N/A	8					
	Yes No N/ACOMMENTS:						
9							
(725.278)	Section 725.278 Air Emission Standards Is the owner or operator managing all hazardous waste placed in containers in accordance with Subparts AA,						
	BB and CC of Part 725?  Yes No N/A						
	Comments:						
		2					
	Does the generator accumulate and/or treat hazardous waste in tanks?  Yes  No  N/A						
	Note: If "No", go to Subpart C.						
	SUBPART J: TANK SYSTEMS						
	Has the generator closed an accumulation area?  Yes  No  N/A	725.211					
(725 211)	If "Yes", was the accumulation area closed in accordance with Sections 725.211 and 725.214?  Yes  No  N/A	725.214					
(725.211) (725.214)	resno						
(725.290)	Does the facility accumulate or treat hazardous waste in tanks?  Yes No N/A						
	Note: A generator may treat hazardous waste in a tank for less than 90 days without a RCRA permit.						
	If "No", skip Subpart J.						
	a) Tank systems that are used to accumulate or treat hazardous waste which contains no free liquids (using the Paint Filter Liquids Test) and that are situated inside a building with an impermeable floor are						
	exempted from the requirements in Section 725.293.  b) Tank systems, including sumps, that serve as part of a secondary containment system to collect or contain releases of hazardous wastes are exempted from the requirements in Section 725.293(a).						
	c) Tanks, sumps and other collection devices used in conjunction with drip pads (as defined in Section 720.110) and regulated under Subpart W, must meet the requirements of this Subpart.						

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
(725.291(a))	For tanks <b>existing</b> prior to July 14, 1986 (see definition of tank system under 720.110) and not protected by a secondary containment system, has a written assessment been reviewed and certified by an IRPE(*) in accordance with Section 702.126(d) by January 12, 1988 [except as provided in Section 725.291(c)]?  Yes No N/A	
(725.291(b))	Does this assessment consider at least the following:  1) design standards for the tank and ancillary equipment?	
	Yes No N/A  2) hazardous characteristics of the wastes?	
	Yes No N/A  3) existing corrosion protection measures?	
	Yes No N/A4) documented age of the tank system?	
	Yes No N/A  No N/A  7) results of a leak test, internal inspection, or other tank integrity examination?	
	Yes No N/A	
	*IRPE = Independent Registered Professional Engineer	
(725.291(c))	Has a tank system assessment been performed within 12 months after the materials in the tank become a hazardous waste?	
	Yes No N/A	
	Note: If an assessment indicates a tank system is leaking or unfit for use, the owner/operator must comply with the requirements of Section 725.291(b)(5).	
(725.292(a))	For <b>new</b> tanks (see definition of new tanks under Section 720.110) whose installation commenced after 07/14/86, has a written assessment been reviewed and certified by an IRPE in accordance with Section 702.126(d) prior to operation of the tank system?	35
	Yes No N/A  Does the assessment include, at a minimum, the following:  1) design standards for tanks and ancillary equipment?	
	Yes No N/A	u.i
	Yes No N/A  3) evaluation of potential for corrosion and corrosion protection measures for tank systems with metal components in contact with soil or water?	×
	Yes No N/A  4) design or operational measures that will protect underground tank systems from potential damage resulting from vehicular traffic?	
	Yes No N/A	
	Yes No N/A	
725.292(g))	Has the owner/operator obtained and kept on file at the facility the written statements, including the certification statements [as required in Section 702.126(d)] of the design and installation requirements of Subsections (b) through (f)?	
	Yes No N/A	



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
(725.293(a))	Is secondary containment provided for any new tank system before being put into service?	
(123.230(4))	Ves No IN/A	
	Does an existing tank, used to accumulate F020, F021, F022, F023, F026 or F027 waste(s), have secondary	
	containment by 1/12/89?	
	Ves No N/A	
	For an existing tank of documentable age, is secondary containment provided by 1/12/89 or when the tank is	
	15 years old, whichever is later?	
	Ves No N/A	1
	For an existing tank of undocumentable age, has secondary containment been provided by 1/12/95?	
	Yes No N/A	L.
	or .	
	if the facility is older than 7 years, by the time the facility reaches 15 years of age or 1/12/89, whichever is	
	later?	
	Yes No N/A	
	For tanks that accumulate wastes that become hazardous after 1/12/87, has secondary containment been	
	provided within the time intervals required in Subsections (a)(1) through (a)(4) substituting the date that a	
	material becomes a hazardous waste for 1/12/87?	
	Yes No N/A	
(725.293(b))	Is the secondary containment system designed, installed and operated to prevent migration of wastes or	
(	accumulated liquid out of the system at any time?	
	Ves No N/A	
	Is the secondary containment system capable of detecting and collecting releases and accumulated liquids until	
	the collected material is removed?	
	Yes No N/A	
	5 3 300	1
(725.293(c))	To meet the requirements of Subsection (b), is the secondary containment system:	
A STATE OF THE STA	1) compatible with the waste(s) in the tank and of sufficient strength and thickness to prevent failure?	
	Yes No N/A	
	2) placed on a foundation or base capable of providing support, providing resistance to pressure	
e e	gradients and preventing failure due to settlement, compression of uplitt?	
	Ves No N/A	
	3) provided with a leak detection system designed and operated to detect any release or accumulated	1
	liquid within 24 hours?	
	Ves No N/A	
	4) sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills or	
	precipitation?	
	Yes No N/A	
	and	
1	is spilled or leaked waste and accumulated precipitation removed from the secondary containment	
	within 24 hours?	
	Yes No N/A	
	Note: A RCRA permit may allow for removal of liquids less frequently than 24 hours after accumulation.	
	Note: A RCRA permit may allow for removal of fiquids less frequently than 24 hours after accumulation.	
(725.293(d))	Does the secondary containment for tanks have one or more of the following:	
(123.233(u))	4 1 1 1 1 1 1	
(4	11 11 10 10	
	4) an equivalent device (approved by the Board)?  Yes No N/A	
	105	
(725.293(e))	Does the external liner system(s), vault system(s) and/or double-walled tank(s) meet the additional	
	requirements identified in Section 725.293(e)?	
	requirements identified in Section 723.233(c):  Yes No N/A	
1	105	



Regulation	RCRA GENE	RATOR INSPECTIO	N CHECKLIST	Γ (PART 722)	Violatio
(725.293(f))	Is ancillary equipment protected (c)?	by secondary containment t	hat meets the requir	ement of Subsection (h) and	
	(6):	Yes	No	N/A	
	Magazina and a constraint of the constraint of t			N/A	
	If "No":	8 8 8			
	<ol> <li>Is aboveground piping</li> </ol>	(exclusive of flanges, joints,			
	2) Are welded flanges, jo	Yesints and connections inspects	No	N/A	
	-)	Yes	No	N/A	6
	<ol><li>Are sealless or magnetic</li></ol>	ic coupling pumps and sealle	ess valves inspected	daily?	1
		Yes	No	N/A	
	<ol> <li>Are pressurized aboveg</li> </ol>	ground piping systems with a			
			No	_ N/A	
725.293(i))	Until such time as secondary con	ntainment is provided, are the	e following requirem	nents being met for all tank	
	systems:				
	1) For non-enterable under 725.291(b)(5) been con	erground tanks, has an annua	I leak test that meets	the requirements of	
	723.251(8)(3) 80cm con	Yes	No	N/A	
	2) For other than non-ente	erable underground tanks and	ancillary equipmen	t has an annual leak test	
	internal inspection or o	other tank integrity examinati	ion by an IRPE been	conducted?	
	Are written records mai	Yes	No	N/A	
	Subsections (i)(1) and	intained at the facility to doc	ument the assessmer	nts required under	
	ouesections (i)(1) and		No	N/A	
	28				
	Note: If a tank system is found	d to be leaking or unfit for us	se as a result of a lea	k test or assessment, the	
	owner/operator must co	omply with Section 725.296.		, a	
25.294(a))	Has the owner/operator placed ha	zardous wastes or treatment	reagents in the tank	system that could cause the	
	system to rupture, leak, corrode o	r otherwise fail?			
		Yes	No	N/A	
25.294(b))	Do tanks and secondary containm	ent have appropriate control	s and practices to pr	event spills and avardance	
	including,		s and practices to pr	event spins and overnows	
	<ol> <li>spill prevention controls</li> </ol>				
	2) 200-611	Yes	No	N/A	
	<ol><li>overfill prevention contr</li></ol>	Yes	NI-	27/4	
	3) sufficient freeboard in un	ncovered tanks?	No	N/A	
		Yes	No	N/A	
5.294(c))	Notes If I I 211	14 T 152 N 12			
.5.25 I(C))	Note: If a leak or spill has occurequirements of Section	urred in the tank system, the	owner/operator shal	l comply with the	
	requirements of Section	123.290.			
25.295(a))	Does the owner/operator inspect, i	if present, at least each opera	ting day, the follow	ing:	
	1) overfill/spill control equ	151			
	2) the aboveground portion	Yes of the tank system for corro	No	N/A	
(n)	2) are aboveground portion	Yes	No No	N/A	
	<ol><li>data from monitoring equ</li></ol>		_ 110	IN/A	
	AND OFFICE STATE OF THE STATE O	Yes	No	N/A	
	<ol> <li>the construction material</li> </ol>	s and the area immediately s	urrounding the exter		
		Yes	No	N/A	
5.295(b))	f the tank system has cathodic pro	tection, is the owner/operato	or complying with Se	ection 725.295(h) to ensure	
	nat they are functioning properly?	01		. 1	
		Yes	No	N/A	
5.295(c))	oes the owner/operator document	t in the operating record the		50	
	ection 725.295(a) and (b)?	are operating record, the	results of talk inspe	coons as required in	
	) 2002(0) K K	Yes	No	N/A	



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation					
(725.296)	If the tank system or secondary containment system has a leak or spill or is unfit for use, has the owner/operator:  a) immediately ceased using; prevented flow or addition of waste and inspected the system to						
	determine the cause of the release?  Yes  No  N/A						
	b) removed applicable waste from the system within 24 hours of detection?  Yes No N/A						
	c) immediately conducted a visual inspection of the release and taken actions to contain visible releases to the environment, prevented further migration to soils or surface water and removed and properly disposed of any contaminated soil or water?  Yes No N/A						
(725.296(d))	d) notified the Agency within 24 hours of detection of release?  Yes No N/A						
	d)3) within 30 days of detection of release, submitted a report to the Agency that complies with the requirements of Section 725.296(d)(3)?  Yes  No  N/A						
	Note: Notification and reports are not necessary if less than 1 pound of material is spilled and it was immediately contained and cleaned up.						
(725.296(e))	e) repaired the tank system prior to returning the tank system to service in the event that a leak has occurred from the primary tank system into the secondary containment system?  Yes No N/A						
	e)4) provided secondary containment before returning a tank system to service in the event that the release was from a component of a tank system without secondary containment?  Yes No N/A						
	e)4) met the requirements for a new tank system in the event that a component is replaced during repair?  Yes No N/A						
*	e)4) provided the entire component with secondary containment prior to being returned to use in the event that a leak has occurred in any portion of a component that is not readily accessible for visual inspection?						
	Yes No N/A						
(725.296(f))	f) In the event that an extensive repair has been conducted in accordance with subsection (e), submitted to the Agency within 7 days after returning the tank system to use, a certification by an IRPE stating that the repaired system is capable of handling hazardous wastes without release for the intended life of the system?						
	Yes No N/A						
	Note: If the owner/operator does not satisfy the requirements of subsections (e)(2) through (e)(4), the tank system must be closed in accordance with Section 725.297.						
(725.297(a))	At the time of closure of a tank system, has the owner/operator removed or decontaminated all waste residues, contaminated components, contaminated soils and structures and equipment and managed them as hazardous waste [unless Section 721.103(d) applies]?						
	Yes No N/A						
(725.297(a))	Have the closure plan, closure activities, cost estimates for closure and financial responsibility for tank systems met all requirements specified in Subparts G and H?						
	Yes No N/A						
(725.297(b))	If the tank system cannot be "clean" closed, has the owner/operator closed the tank system and performed post-closure care in accordance with the closure and post-closure care requirements that apply to landfills (Section 725.410)?						
	Yes No N/A	±0.					
	<b>Note:</b> Such a tank system is considered a landfill and must meet all of the requirements of landfills specified in Subparts G and H.						



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)				
(725.298(a))	Are ignitable or reactive wastes placed in a tank	system? Yes	No	N/A	
	If "No", skip to Section 725.299.		11		
	Is the waste treated, rendered or mixed before of the resulting waste, mixture or dissolve	r immediately afte ed material is no l Yes	er placement in the ta longer ignitable or rea No	active?	
	- Section 725.117(b) is complied with?	Yes	No	N/A	
	or Is the waste accumulated or treated so that it is p ignition or reaction?			-	
	or	Yes	No	N/A	
	Is the tank used solely for emergencies?	Yes	No	N/A	
(725.298(b))	Is the facility complying with the requirements r waste management area and any public ways, str	egarding mainten eets, alleys or any	ance of protective dis	tances between the ine?	
(725-200)		Yes	No	N/A	
(725.299)	Are incompatible wastes/materials placed in the	Yes	No	N/A	
	If "No", skip to Section 725.300.			12	
	Is Section 725.117(b) being complied with?	Yes	No	N/A	48
	Has the tank system been properly decontaminate Section 725.117(b) is complied with?	ed if it previously	held an incompatible	e waste/material unless	
	section 723.117(b) is complied with:	Yes	No	N/A	
	COMMENTS:		Si .		
				2	
				2 2	
(725.302)	Section 725.302 Air Emission Standards Is the owner or operator managing all hazardous and CC of Part 725?	waste placed in ta	anks in accordance w	ith Subparts AA, BB	
		Yes	No	N/A	
	Comments:				
			25		
				A.	
			s		



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)					
(mag 121)	SUBPART C: PREPAREDNESS AND PREVENTION					
(725.131)	Is the facility being operated and maintained to minimize the possibility of a fire, explosion or any release of hazardous waste or hazardous waste constituents which could threaten human health or the environment?  Yes					
(725.132)	Is the facility equipped with the following, if necessary:  a) an internal communication or alarm system(s)?  YesNoN/A					
	b) a telephone or other device to summon emergency assistance from local authorities?  YesNoN/A					
	c) portable fire extinguishers, fire control equipment, spill control equipment and decontamination equipment?  Yes  No  N/A					
	d) water at adequate volume and pressure for fire control?  Yes					
(725.133)	Is the facility testing and maintaining communication/alarm system(s), fire protection equipment, spill control equipment and decontamination equipment?  Yes  No  N/A					
(725.134)	a) Where hazardous waste is being handled, do all employees have immediate access to an internal alarm or					
	other emergency communication device?  Yes No N/A_  b) If there is ever just one employee on the premises when the facility is operating, does he/she have	¥				
	immediate access to a device capable of summoning external emergency assistance?  Yes No N/A					
(725.135)	Is the facility maintaining adequate aisle space?  YesNoN/A					
(725.137)	Has the facility attempted to make the following arrangements, as appropriate, for the type of facility and waste:  - arrangements with local emergency authorities (i.e. police and fire departments, other emergency response agencies) to familiarize them with the layout of the facility, properties of hazardous waste handled, places where facility personnel would be working, entrances to roads inside the facility and					
	evacuation routes?  Yes No N/A					
	- agreements designating the primary authority where more than one police or fire department might respond?					
	Yes No N/A  - agreements with State emergency response teams, contractors and equipment suppliers?  Yes No N/A					
	<ul> <li>arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the type of injuries or illnesses which could result from fires, explosions or releases at</li> </ul>					
	the facility?  YesNoN/A					
	SUBPART D: CONTINGENCY PLAN AND EMERGENCY PROCEDURES					
(725.151(a))	Is the contingency plan available?  YesNoN/A	Ξ)				
9	If "No", skip to Section 725.155.  Is the plan designed to protect human health and the environment from releases to the air, soil and water?  Yes No N/A					
(725.151(b))	Has there been a fire, explosion or release of hazardous waste?  Yes No N/A  If "Yes", has the contingency plan been carried out immediately?					
10	Yes No N/A					
(725.152(a))	Does the plan describe the actions required for response to:  - fires? Yes No N/A N/A N/A N/A					
	- releases? Yes No N/A					

Regulation	RCRA GENERATOR INSPECT	Violation			
(725.152(c))	Does the plan describe arrangements with:  - police and fire departments?  - hospitals?  - contractors?  - emergency response teams?  Yes  Yes  Yes  Yes	No No No No	N/A N/A N/A		
(725.152(d)	Does the plan contain the current emergency coordinator's name, phone (office and home) and address?				
(725.152(e))	Does the plan identify all emergency equipment including	No	N/A		
	- description? Yes		N/A	j	
	- capability? Yes_	No_	N/A		
	- location? Yes	No	N/A		
	Is the list of emergency equipment up-to-date? Yes	No	N/A		
	165	140	N/A		
(725.152(f))	Does the plan include:				
	- an evacuation plan? Yes	No	N/A_		
	- an evacuation signal? Yes	No	N/A		
	- alternate evacuation routes? Yes	No	N/A		
(725.153)	Has the contingency plan (including all revisions) been:				
	a) maintained at the facility? Yes b) submitted to:	No	N/A		
	- police department? Yes	No	N/A		
	- fire department? Yes	No	N/A		
	- hospital? Yes	No	N/A		
	- emergency response teams? Yes	No	N/A		
(725.154)	Has the contingency plan been reviewed and revised whe		A		
	a) regulations are revised? Yes	No	N/A		
	b) the plan fails in an emergency? Yes	No	N/A		
	c) the facility changes in a way that modifies the c				
	Yesd) information regarding emergency coordinators of	No	N/A		
	Yes	No	N/A		
	e) information regarding equipment changes?		IVA		
	Yes	No	N/A		
			****		
(725.155)	Is the emergency coordinator on-site or on call at all time	s?	1	ľ	
	100	No	N/A		
	Is the emergency coordinator familiar with all facility acti				
	Does the emergency coordinator have the authority to commit the resources needed to carry out the actions				
	specified in the contingency plan?		II II		
10 14	Yes	No	N/A		
(725.156)	If the facility has had a release, fire or explosion, have the assessment, response and reporting?	procedures of this Section b	een followed regarding		
	Yes	No	N/A_		
	Note: If the facility has had a release, explain in detail.				



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation		
725.116(a))	Section 725.116 Personnel Training			
	Does the facility have a training program?			
	YesNoN/A			
	Have facility personnel successfully completed a program of classroom or on-the-job training that teaches them			
	to perform their duties in a way that ensures the facility's compliance with the requirements of Part 725?  Yes  No  N/A			
	Is the program directed by a person trained in hazardous waste management procedures?			
	Yes No N/A			
	Does the program teach facility personnel hazardous waste management procedures (including contingency			
	plan implementation) relevant to the positions in which they are employed?			
	Yes No N/A			
	Does the program cover, at a minimum:			
	- procedures to familiarize facility personnel with emergency procedures, emergency equipment and emergency systems?			
	Yes No N/A			
	- procedures for using, inspecting, repairing and replacing facility emergency and monitoring			
	equipment?			
	Yes No N/A			
	- key parameters for automatic waste feed cut-off systems?  Yes No N/A			
	- communications or alarm systems?  YesNoN/A			
	- response to fire or explosions?  Yes No N/A			
	- response to groundwater contamination incidents?			
	Yes No N/A			
	- shutdown of operations?			
	Yes No N/A			
(725.116(b))	Have new employees completed the program within 6 months of the date of employment or assignment to a			
	position requiring them to manage hazardous waste?			
W	Yes No N/A			
25.116(.))	II C 'll' and a second environ of the initial training?			
(25.116(c))	Have facility personnel received an annual review of the initial training?  Yes  No  N/A			
	2012 (Corres Yes No N/A			
25.116(d))	Are the following documents and records being maintained at the facility:			
na n	1) the job title for each position related to hazardous waste management and the name(s) of the			
	employee(s) filling each job?			
	Yes No N/A  2) a written job description for each position above, including the requisite skill, education or other			
	2) a written job description for each position above, including the requisite skill, education or other	- 4		
	qualifications and duties of personnel assigned to each position?	97		
	YesNoN/A			
	3) a written description of the type and amount of both initial and continuing training that will be given	17		
	to each person filling a position dealing with hazardous waste management?  Yes  No  N/A			
	4) records documenting that the training or job experience has been given to and completed by facility			
	personnel?  YesNoN/A			
	103104	(9)		
25.116(e))	Is the facility maintaining training records until closure of the facility and those of former employees for at			
	least 3 years from the last date of employment?			
	Yes No N/A	l .		



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)		
(728.107(a)(5))	Section 728.107 Waste Analysis and Recordkeeping Has the generator who treats a prohibited waste in tanks or containers in order to meet the treatment standards developed and followed a waste analysis plan?		
	Is the plan on-site?		
	Yes No N/A  Does the plan include a detailed physical and chemical analysis?  Yes No N/A		
	Has the plan been filed with the Agency at least 30 days prior to commencement of treatment activity?  Yes No N/A	ii i	
	Has the generator submitted the required notification and certification that the waste meets treatment standards when the waste is shipped off-site?		
	Yes No N/A		
722.134(c)	Section 722.134 Satellite Accumulation  Is the generator who accumulates hazardous waste at or near any point of generation where wastes initially accumulate and which is under the control of the operator of the process generating the waste, limiting such accumulation to 55 gallons of hazardous waste or 1 quart of acutely hazardous waste, complying with Sections 725.271, 725.272 and 725.273(a), and marking the containers with the words "Hazardous Waste" or other words identifying the contents?	и	
	Yes No N/A  Has the generator who accumulates more than 55 gallons of hazardous waste or 1 quart of acutely hazardous waste complied with the requirements of Section 722.134(a) within 3 working days?		
11	Yes No N/A		
22	During the 3 day period, is the generator continuing to comply with the requirements of Section 722.134(c)(1) with respect to the excess waste?  Yes		
722.134(g)	Note: A generator that generates 1,000 kilograms or greater of hazardous waste per calendar month which also generates wastewater treatment sludges from electroplating operations that meet the listing description for the hazardous waste code F006 may have alternate accumulation requirements if the conditions of 722.134(g), (h), or (i) are fulfilled.	9	
^	SUBPART D: RECORDKEEPING AND REPORTING		
722.140(a)	Section 722.140 Recordkeeping Has the generator retained for a period of 3 years: - a copy of each signed manifest?		
	Yes No N/A	722.140(a)	
722.140(b)	Has the generator retained a copy of each Annual Report and Exception Report for a period of at least three years from the due date of the report (March 1)?		
a.	Yes No N/A	722.140(b)	
722.140(c)	Has the generator retained for a period of 3 years:  - copies of test results, waste analyses or other determinations made in accordance with Section 722.111?		
	Yes No N/A	722.140(c)	
722.140(d)	Does a generator who is involved in any unresolved enforcement action or as requested by the Director continue to maintain the records required in subsections a) and c)?		
	Yes No N/A	722.140(d)	
722.141(a)	Section 722.141 Annual Reporting  Has the generator who ships hazardous waste off-site for treatment, storage or disposal filed an annual report with the Agency by March 1 for the preceding calendar year?		
	Yes No N/A	722.141(a)	
	Note: If "No", or if deficiencies are noted with the annual report reviewed, contact the Planning and Reporting Section.		



Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
722.141(b)	Has the generator who treats, stores or disposes of hazardous waste on-site, filed an annual report with the Agency by March 1 for the preceding calendar year?	
	Yes No N/A	722.141(b)
722.142(a)(1)	Section 722.142 Exception Reporting  If the generator has not received a copy of the manifest from the TSD facility within 35 days of the date of delivery to the transporter, has the generator contacted the transporter or the TSD facility to determine the status of the hazardous waste?	, =====(0,
	Yes No N/A	722.142(a)(1)
722.142(a)(2)	If the generator has not received a copy of the signed manifest within 45 days of the date of delivery to the transporter, has he filed an exception report with the Agency in accordance with the requirements of this Section?	
	Yes No N/A	722.142(a)(2)
722.143	Section 722.143 Additional Reporting Has the generator furnished additional reports as required by the Director?	
	Yes No N/A	722.143
	SUBPART E: EXPORTS OF HAZARDOUS WASTE	
722.150	Is the generator an exporter of hazardous waste?  Yes  No  N/A	2
	If "Yes", has the generator complied with the requirements of Subpart E?	722.150
	Yes No N/A	
	SUBPART F: IMPORTS OF HAZARDOUS WASTE	
722.160	Is the generator an importer of hazardous waste?  YesNoN/A	
	If "Yes", has the generator complied with the requirements of Subpart F?  Yes No N/A	722.160
	SUBPART G: FARMERS	
722.170	Is the generator a farmer?  Yes  No  N/A	
	If "Yes", has the generator complied with the requirements of Subpart G?	
	Yes No N/A	722.170
	COMMENTS:	
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